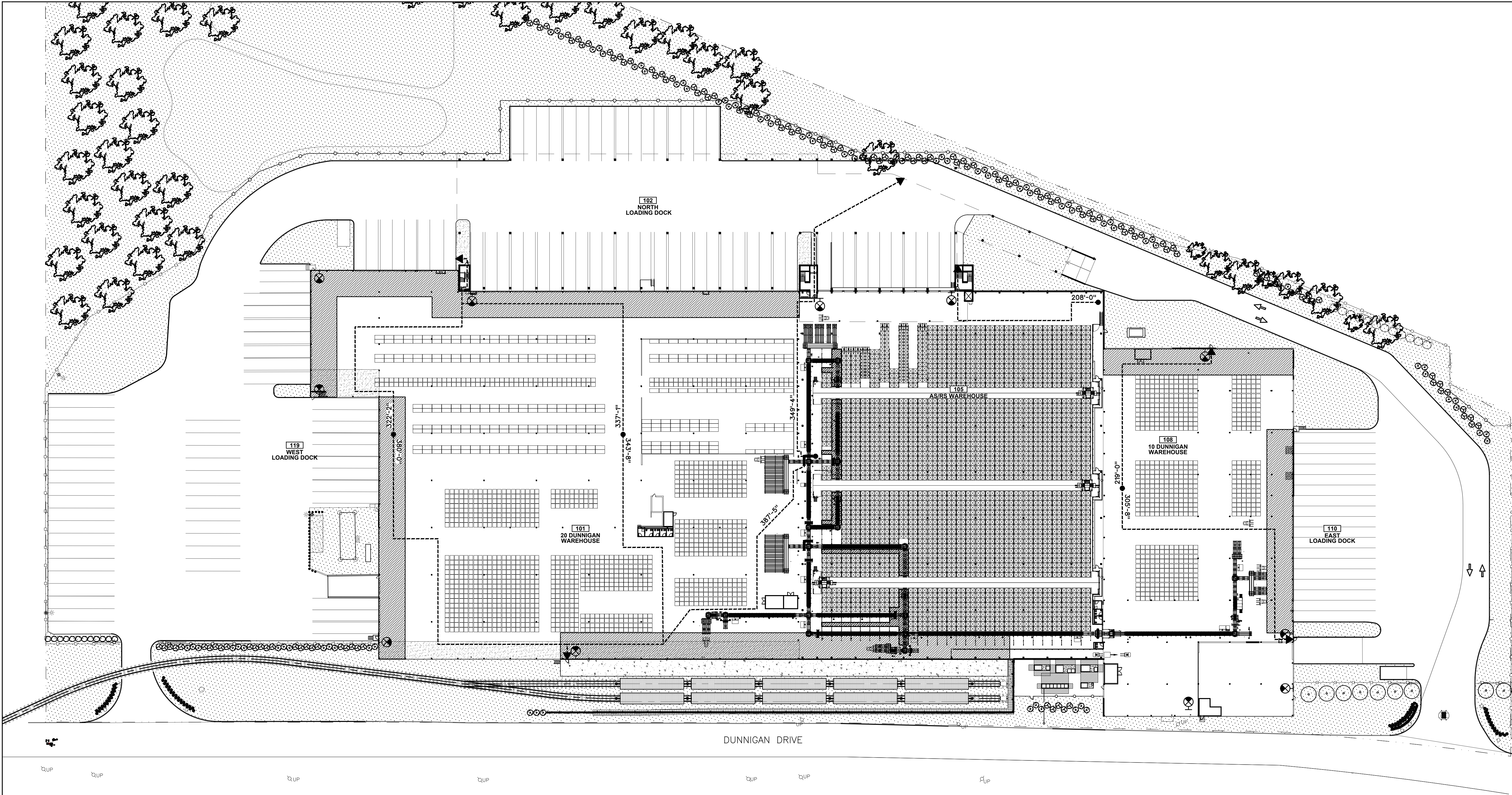




1 EGRESS PLAN - WAREHOUSE FLOOR PLAN
A-101A-010 NOT TO SCALE

LIFE SAFETY AND EGRESS LEGEND:

100' TRAVEL DISTANCE
PATH OF EGRESS

B S-2 OCCUPANCY CLASSIFICATION

1-HR RATED WALL
2-HR RATED WALL

EXIT SIGN

MAINTAIN CLEAR WIDTH

PROJECT:
MANHATTAN BEER DISTRIBUTORS
10-20 DUNNIGAN DRIVE
SUFFERN NEW YORK

A. EGRESS CODE CRITERIA

BUILDING CODE:
2020 BUILDING CODE OF NEW YORK STATE (BCNYS)

2020 BCNYS SECTION 306.2 - OCCUPANCY CLASS TYPE:
S-2 STORAGE (LOW HAZARD)

ALL EMPLOYEE WORK AREAS ARE IN COMPLIANCE WITH
2020 BCNYS SECTION 1103.2.2 AND ANSI A117.1.

2020 BCNYS TABLE 508.4 - FIRE RATED SEPARATIONS
PER TABLE 508.4, OCCUPANCY GROUPS (S-2) STORAGE
LOW HAZARD AND (B) BUSINESS ARE REQUIRED TO HAVE
A 1-HR FIRE RATED SEPARATION.

AS PER 2020 BCNYS 425, NO RADIOACTIVE MATERIAL OR
RADIATION PRODUCING EQUIPMENT HAS BEEN USED AS
PART OF THIS APPLICATION.

OCCUPANT LOAD CALCULATION: PER 2020 BCNYS TABLE 1004.5

SPACES	USE GROUP/ SPACE DESCRIPTION	AREA (GSF)	AREA PER OCCUPANT	OCCUPANT LOAD
ASRS WAREHOUSE	S-2: STORAGE (LOW HAZARD)	102,307 GSF	500 GSF	204
TOTAL *OF OCCUPANTS				204

OCCUPANT LOAD REQUIREMENTS NET AREA TABLE (2020 BCNYS TABLE 1004.5)

BUSINESS AREAS: 150GSF/OCCUPANT
STORAGE/STOCK/SHIPPING: 300 GSF/OCCUPANT
PARKING GARAGE: 200 GSF/OCCUPANT
WAREHOUSE: 500 GSF/OCCUPANT
LOCKER ROOM: 50 GSF
ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM: 300 GSF/OCCUPANT

B. GENERAL MEANS OF EGRESS

MINIMUM REQUIRED EGRESS WIDTH
(2020 NYSBC SECTION 1005.3.1 & 1005.3.2):

STAIRWAYS:
OCCUPANT LOAD x 0.3" (EGRESS WIDTH/OCC.)

OTHER EGRESS COMPONENTS:
OCCUPANT LOAD x 0.2" (EGRESS WIDTH/OCC.)

CORRIDORS (2020 NYSBC SECTION 1020):
BOTH (B) AND (S-2) OCCUPANCIES
- MAX. DEAD END CORRIDOR LENGTH: 50 FT (PER SECTION 1020.4)
- MIN. CORRIDOR WIDTH: 44" MIN. (PER TABLE 1020.2)

EXIT ACCESS REQUIREMENTS (2020 NYSBC TABLE 1017.2):

STORAGE (S-2)-MAX. TRAVEL DISTANCE (W/ SPRINKLER SYSTEM): 400 FT

BUSINESS (B)-MAX. TRAVEL DISTANCE (W/ SPRINKLER SYSTEM): 300 FT

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MANHATTAN BEER DISTRIBUTORS
20 DUNNIGAN DRIVE
SUFFERN, NEW YORK

REV	DESCRIPTION	DATE
-	ISSUED FOR DOB SUBMISSION	9.10.21
-	ISSUED FOR BID	10.15.21
-	ISSUED FOR CONSTRUCTION	11.30.21
-	REVISED BID SET	01.20.22
-	REVISED FOR CONSTRUCTION	04.05.22
-	PER METAL PANEL REDESIGN	07.26.22
-	REVISED FOR CONSTRUCTION	08.15.22

DRAWN BY: S. WOO
CHECKED BY: D. TOBAR, R.A.
APPROVED BY: A. BERGER, R.A.
DATE: 07.30.2021
SCALE: AS NOTED

DRAWING TITLE:
LIFE SAFETY AND
EGRESS PLANS -
WAREHOUSE FLOOR

DWG NUMBER:

A-010